

Name: \_\_\_\_\_

Date \_\_\_\_\_

Topic : Tree Diagrams- 5-Pack A - Worksheet 1

- 1.** Three colors of balls that are In red, green and blue color are rolled simultaneously.

Find the outcomes by a tree diagram.

- 3.** Use a tree diagram to choose a black color blazer of medium size among brown and black blazer of three sizes s, m and l.

- 5.** A test paper contains questions with the possible answers of: true, false.

Draw a tree diagram that represents all the possible answers to 2 questions of this type.

- 7.** Use a tree diagram to find the probability of tossing a head when a coin is tossed twice.

- 9.** Pick a ball and a car behind the door for a game.

There are 3 balls and 3 cars behind them. How many choices are possible?

- 2.** Choose between 2 brands of jeans: Levi's and Allen Cooper.

The two brands come with a dark blue or black color. Find the outcomes using a tree diagram.

- 4.** Use a tree diagram to find the number of ways in which a sharpener, compass, and ruler can be distributed between Rex & Tom.

- 6.** Use a tree diagram to find the probability of rolling 5 when a dice is rolled.

- 8.** Two people spun a spinner. Use a tree diagram to show the condition of winning and losing if the two people spin the same number and the spinner is spun once.

- 10.** Two ace cards of diamond and heart are placed on the table. A coin is tossed and one of the ace cards is chosen simultaneously. Draw a tree diagram to represent the possible outcomes.



Name: \_\_\_\_\_

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Topic : Tree Diagrams- 5-Pack A - Worksheet 2

- 1.** Three colors of cars that are In red, blue and white color is drive simultaneously.  
  
Find the outcomes by a tree diagram.
- 2.** Choose between 2 brands of t-shirts UCB and Tantra.  
  
The two brands come with a gray or blue color. Find the outcomes using a tree diagram.
- 3.** Use a tree diagram to choose blue color shirt of XL size among blue and white shirt of three sizes M, X and XL.
- 4.** Use a tree diagram to find the number of ways in which three toys car, doll and teddy can be distributed between Gerry & Shane.
- 5.** A test paper contains questions with the possible answers of: yes, no.  
  
Draw a tree diagram that represents all the possible answers to 2 questions of this type.
- 6.** Use a tree diagram to find the probability of rolling 2 when a dice is rolled.
- 7.** Use a tree diagram to find the probability of tossing a tail when a coin is tossed twice.
- 8.** John buys two fireworks. Draw the tree diagram to find the probability that both of his fireworks light.
- 9.** Pick toys and games from behind the door from a shop.  
  
There are 2 toys and 2 games behind them. How many choices are possible?
- 10.** Two king cards of spade and club are placed on the table. A coin is tossed and one of the king is chosen simultaneously. Draw a tree diagram to represent the possible outcomes.



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Topic : Tree Diagrams- 5-Pack A - Worksheet 3

- 1.** Three colors of bike that are In purple, black and gray color is drive simultaneously.

Find the outcomes by a tree diagram.

- 3.** Use a tree diagram to choose pink color pullover of L size among green and pink pullover of three sizes S, L and XL.

- 2.** Choose between 2 brands of socks Spykar and Reebok.

The two brands come with a pink or green color. Find the outcomes using a tree diagram.

- 4.** Use a tree diagram to find the number of ways in which three chocolates perk, munch, and 5-star can be distributed Harry & Rex.

- 5.** A test paper contains questions with the possible answers of:  $<$ ,  $>$ .

Draw a tree diagram that represents all the possible answers to 2 questions of this type.

- 6.** Use a tree diagram to find the probability of rolling 4 when a dice is rolled.

- 7.** Use a tree diagram to find the probability of tossing a head when a coin is tossed twice.

- 8.** John buys two apples. Draw the tree diagram to find the probability that both of his apples are ripe or unripe.

- 9.** Pick a tomato and a radish from the vegetable shop.

There are 2 tomatoes and 2 radishes behind them. How many choices are possible?

- 10.** Two queen cards of diamond and club are placed on the table. A coin is tossed and one of the queens is chosen simultaneously. Draw a tree diagram to represent the possible outcomes.



Name: \_\_\_\_\_

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Topic : Tree Diagrams- 5-Pack A - Worksheet 4

- 1.** Three colors of cycle that are In green, red and blue color is drive simultaneously.  
  
Find the outcomes by a tree diagram.
- 2.** Choose between 2 brands of shoes Nike and Puma.  
  
The two brands come with a red or brown color. Find the outcomes using a tree diagram.
- 3.** Use a tree diagram to choose blue color sweatshirt of S size among white and blue pullover of three sizes XS, S and L.
- 4.** Use a tree diagram to find the number of ways in which three cold drinks Dew, Sprite and Pepsi can be distributed between Lara & Suzie.
- 5.** A test paper contains questions with the possible answers of: ( $=$ ,  $\neq$ ).  
  
Draw a tree diagram that represents all the possible answers to 2 questions of this type.
- 6.** Use a tree diagram to find the probability of rolling 6 when a dice is rolled.
- 7.** Use a tree diagram to find the probability of tossing a tail when a coin is tossed twice.
- 8.** John buys two oranges. Draw the tree diagram to find the probability that both of his oranges are sweet or bitter.
- 9.** Pick an onion and carrot from the vegetable shop.  
  
There are 2 onions and 2 carrots behind them. How many choices are possible?
- 10.** Two Jack cards of diamond and spade are placed on the table. A coin is tossed and one of the Jack is chosen simultaneously. Draw a tree diagram to represent the possible outcomes.



Name: \_\_\_\_\_

Date \_\_\_\_\_

Topic: Tree Diagrams- 5-Pack A - Worksheet 5

- 1.** Three colors of bands that are In orange, pink and blue color is sold simultaneously.  
  
Find the outcomes by a tree diagram.
- 2.** Choose between 2 brands of shirt Mufti and Parada.  
  
The two brands come with a black or white color. Find the outcomes using a tree diagram.
- 3.** Use a tree diagram to choose a coat of XXL size in black color among black and grey coat of three sizes L, XL and XXL.
- 4.** Use a tree diagram to find the number of ways in which three fruits a grape, a melon and a strawberry can be distributed between 2 friends Rex and Tom.
- 5.** A test paper contains questions with the possible answers of: right, wrong.  
  
Draw a tree diagram that represents all the possible answers to 2 questions of this type.
- 6.** Use a tree diagram to find the probability of rolling 3 when a dice is rolled.
- 7.** Use a tree diagram to find the probability of tossing a head when a coin is tossed twice.
- 8.** Rex buys two pizzas. Draw the tree diagram to find the probability that both of his pizza is fresh or stale.
- 9.** Pick a milk box and a star from the shop.  
  
There are 2 milk boxes and 2 5 stars. How many choices are possible?
- 10.** Two ace cards of club and heart are placed on the table. A coin is tossed and one of the aces is chosen simultaneously. Draw a tree diagram to represent the possible outcomes.

